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Walk, Roger A.

From: Walk, Roger A.
Sent: Monday, December 30, 2002 1:38 PM
To: Lau, Raymond W.; Zhang, Mingda (R&D)
Subject: Publications for tracking ?

See below and check in with Hans what needs to be tracked.

-----Original Message-----

From: Roethig, Hans
Sent: Thursday, December 26, 2002 1:47 PM
To: Adams, Candace R.; Feng, Shixia; Gogova, Maria; Jin, Yan; King, Valerie A.; Kinser, Robin D.; Liang, Qiwei; Mawyer, Denise T.; Mendes, Paul; Nelson, Bettie L.; Oey, Jan; Roethig, Hans; Sarkar, Mohamadi; Unverdorben, Martin
Cc: Tricker, Anthony; Walk, Roger A.; Patskan, George J.
Subject: Visit to Scherer's lab December 20

I showed Gerhard the evaluation of the data from the biomarkers he had determined (Ethyl-adenine, Methyl-adenine, Hydroxypyrene, HPMA, ttMA, Thioethers and 8-OH-dG) and we both agreed that it is worthwhile to publish those data. He is still working on SPMA, we can expect the data from him later in January.

He told me that HPMA reflects Acrolein metabolism and lipid peroxydation. The literature says 10 - 80 % of the HPMA arises from Acrolein, which also come from food.

For the publication we will write the introduction, goals of the study, design and clinical methods, data evaluation.

He will write the analytical method section and we will jointly write the discussion.

Possible journals: Biomarkers (UK) or Occupational and Environmental Medicine

He is running another laboratory comparison on Nicotine and metabolites soon.

Robin and Shixia, please inform MDS that they get in touch with him asap.

He has developed a new method for the determination of methyl-, ethyl-, OH-ethyl-, Cyano-ethyl-, and carbamonyl(?) - ethyl-valin-hemoglobin adducts. We should consider to test these. **Robin and Shixia please check how we can do this**, e.g. from the banked TES ery-samples or add it to another study. He needs 5 ml of erys.

He presently develops other markers and asks for method development support:

benzpyrene tetrol in urine,

8-nitro guanine

markers for crotonaldehyde in urine,

NNN-OH-methylguanine in urine.

I would at least recommend to support the crotonaldehyde marker development, **Robin and Shixia please check how we can do this.**

HJR